

1636

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DEC 18 2001

RECEIVED

DATE: 12/06/2001
TIME: 16:34:06RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/319,782BInput Set : A:\01099211.app
Output Set: N:\CRF3\12062001\I319782B.raw

ENTERED

3 <110> APPLICANT: INSTITUT DE RECHERCHES CLINIQUES DE MONTREAL
4 DROUIN, Jacques
5 PHILIPS, Alexandre
6 MAIRA, Mario
8 <120> TITLE OF INVENTION: NUR-RE A RESPONSE ELEMENT WHICH BINDS NUR NUCLEAR
9 RECEPTORS AND METHOD OF USE THEREFOR
11 <130> FILE REFERENCE: 480848.90018
13 <140> CURRENT APPLICATION NUMBER: 09/319,782B
14 <141> CURRENT FILING DATE: 1997-12-12
16 <150> PRIOR APPLICATION NUMBER: CA97/00962
17 <151> PRIOR FILING DATE: 1997-12-12
19 <150> PRIOR APPLICATION NUMBER: 2,192,754
20 <151> PRIOR FILING DATE: 1996-12-12
22 <160> NUMBER OF SEQ ID NOS: 28
24 <170> SOFTWARE: PatentIn Ver. 2.1
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 8
28 <212> TYPE: DNA
29 <213> ORGANISM: Murinae gen. sp.
31 <400> SEQUENCE: 1
32 aaaggtca
35 <210> SEQ ID NO: 2
36 <211> LENGTH: 24
37 <212> TYPE: DNA
38 <213> ORGANISM: Murinae gen. sp.
40 <400> SEQUENCE: 2
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44 <210> SEQ ID NO: 3
45 <211> LENGTH: 6
46 <212> TYPE: DNA
47 <213> ORGANISM: Murinae gen. sp.
49 <400> SEQUENCE: 3
50 aggtca
53 <210> SEQ ID NO: 4
54 <211> LENGTH: 28
55 <212> TYPE: DNA
56 <213> ORGANISM: Murinae gen. sp.
58 <400> SEQUENCE: 4
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62 <210> SEQ ID NO: 5
63 <211> LENGTH: 33
64 <212> TYPE: DNA
65 <213> ORGANISM: Murinae gen. sp.
67 <400> SEQUENCE: 5
68 gatacctagt atatttacct ccaaagtgcca gga
71 <210> SEQ ID NO: 6
72 <211> LENGTH: 22

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Input Set : A:\01099211.app
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73 <212> TYPE: DNA
74 <213> ORGANISM: Murinae gen. sp.
76 <400> SEQUENCE: 6
77 tgacctttat tctcaaaggt ca
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81 <211> LENGTH: 8
82 <212> TYPE: DNA
83 <213> ORGANISM: Murinae gen. sp.
85 <400> SEQUENCE: 7
86 aaatatca
89 <210> SEQ ID NO: 8
90 <211> LENGTH: 8
91 <212> TYPE: DNA
92 <213> ORGANISM: Murinae gen. sp.
94 <400> SEQUENCE: 8
95 aaatgccca
98 <210> SEQ ID NO: 9
99 <211> LENGTH: 24
100 <212> TYPE: DNA
101 <213> ORGANISM: Murinae gen. sp.
103 <220> FEATURE:
104 <221> NAME/KEY: variation
105 <222> LOCATION: (10)..(15)
106 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or
107 G
109 <400> SEQUENCE: 9
W--> 110 gtgatatttn nnnnnaaatg ccag
113 <210> SEQ ID NO: 10
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115 <212> TYPE: DNA
116 <213> ORGANISM: Murinae gen. sp.
118 <220> FEATURE:
119 <221> NAME/KEY: variation
120 <222> LOCATION: (9)..(14)
121 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or
122 G
124 <400> SEQUENCE: 10
W--> 125 tgatatttnn nnnnaaatgc ca
128 <210> SEQ ID NO: 11
129 <211> LENGTH: 24
130 <212> TYPE: DNA
131 <213> ORGANISM: Murinae gen. sp.
133 <220> FEATURE:
134 <221> NAME/KEY: variation
135 <222> LOCATION: (10)..(15)
136 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or
137 G
139 <400> SEQUENCE: 11
W--> 140 gtgatatttn nnnnnaaata tcac

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12/6/01

file://C:\Crf3\Outhold\VsrI319782B.htm

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DATE: 12/06/2001
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Input Set : A:\01099211.app
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145 <212> TYPE: DNA
146 <213> ORGANISM: Murinae gen. sp.
148 <220> FEATURE:
149 <221> NAME/KEY: variation
150 <222> LOCATION: (9)..(14)
151 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or
152      G
154 <400> SEQUENCE: 12
W--> 155 tgatatttnn nnnnaaatat ca
158 <210> SEQ ID NO: 13
159 <211> LENGTH: 24
160 <212> TYPE: DNA
161 <213> ORGANISM: Murinae gen. sp.
163 <220> FEATURE:
164 <221> NAME/KEY: variation
165 <222> LOCATION: (10)..(15)
166 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or
167      G
169 <400> SEQUENCE: 13
W--> 170 ctggcatttn nnnnaaatg ccag
173 <210> SEQ ID NO: 14
174 <211> LENGTH: 22
175 <212> TYPE: DNA
176 <213> ORGANISM: Murinae gen. sp.
178 <220> FEATURE:
179 <221> NAME/KEY: variation
180 <222> LOCATION: (9)..(14)
181 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or
182      G
184 <400> SEQUENCE: 14
W--> 185 tggcatttnn nnnnaaatgc ca
188 <210> SEQ ID NO: 15
189 <211> LENGTH: 24
190 <212> TYPE: DNA
191 <213> ORGANISM: Murinae gen. sp.
193 <220> FEATURE:
194 <221> NAME/KEY: variation
195 <222> LOCATION: (1)
196 <223> OTHER INFORMATION: N = Q; Q is C or G
198 <220> FEATURE:
199 <221> NAME/KEY: variation
200 <222> LOCATION: (10)..(15)
201 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or
202      G
204 <220> FEATURE:
205 <221> NAME/KEY: variation
206 <222> LOCATION: (24)

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207 <223> OTHER INFORMATION: N = Q; Q is C or G
209 <400> SEQUENCE: 15
W--> 210 ntgacctttn nnnnnaaagg tcan
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215 <212> TYPE: DNA
216 <213> ORGANISM: Murinae gen. sp.
218 <220> FEATURE:
219 <221> NAME/KEY: variation
220 <222> LOCATION: (9)..(14)
221 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or
222 G
224 <400> SEQUENCE: 16
W--> 225 tgacctttnn nnnnnaaaggt ca
228 <210> SEQ ID NO: 17
229 <211> LENGTH: 24
230 <212> TYPE: DNA
231 <213> ORGANISM: Murinae gen. sp.
233 <220> FEATURE:
234 <221> NAME/KEY: variation
235 <222> LOCATION: (1)
236 <223> OTHER INFORMATION: N = Q; Q is C or G
238 <220> FEATURE:
239 <221> NAME/KEY: variation
240 <222> LOCATION: (4)
241 <223> OTHER INFORMATION: N = A or G
243 <220> FEATURE:
244 <221> NAME/KEY: variation
245 <222> LOCATION: (10)..(15)
246 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or
247 G
249 <220> FEATURE:
250 <221> NAME/KEY: variation
251 <222> LOCATION: (20)
252 <223> OTHER INFORMATION: N = A or G
254 <220> FEATURE:
255 <221> NAME/KEY: variation
256 <222> LOCATION: (24)
257 <223> OTHER INFORMATION: N = Q; Q is C or G
259 <400> SEQUENCE: 17
W--> 260 ntgnyatttn nnnnnaaatn ycan
263 <210> SEQ ID NO: 18
264 <211> LENGTH: 22
265 <212> TYPE: DNA
266 <213> ORGANISM: Murinae gen. sp.
268 <220> FEATURE:
269 <221> NAME/KEY: variation
270 <222> LOCATION: (3)
271 <223> OTHER INFORMATION: N = A or G

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273 <220> FEATURE:
274 <221> NAME/KEY: variation
275 <222> LOCATION: (9)..(14)
276 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or
277 G
279 <220> FEATURE:
280 <221> NAME/KEY: variation
281 <222> LOCATION: (19)
282 <223> OTHER INFORMATION: N = A or G
284 <400> SEQUENCE: 18 22
W--> 285 tgnyattnnn nnnnaaatny ca
288 <210> SEQ ID NO: 19
289 <211> LENGTH: 24
290 <212> TYPE: DNA
291 <213> ORGANISM: Murinae gen. sp.
293 <400> SEQUENCE: 19 24
294 gtgatattta cctccaaatg ccag
297 <210> SEQ ID NO: 20
298 <211> LENGTH: 22
299 <212> TYPE: DNA
300 <213> ORGANISM: Murinae gen. sp.
302 <400> SEQUENCE: 20 22
303 tgatatttac ctccaaatgc ca
306 <210> SEQ ID NO: 21
307 <211> LENGTH: 24
308 <212> TYPE: DNA
309 <213> ORGANISM: Murinae gen. sp.
311 <400> SEQUENCE: 21 24
312 gtgatattta cctccaaata tcac
315 <210> SEQ ID NO: 22
316 <211> LENGTH: 22
317 <212> TYPE: DNA
318 <213> ORGANISM: Murinae gen. sp.
320 <400> SEQUENCE: 22 22
321 tgatatttac ctccaaatat ca
324 <210> SEQ ID NO: 23
325 <211> LENGTH: 24
326 <212> TYPE: DNA
327 <213> ORGANISM: Murinae gen. sp.
329 <400> SEQUENCE: 23 24
330 ctggcattta cctccaaatg ccag
333 <210> SEQ ID NO: 24
334 <211> LENGTH: 22
335 <212> TYPE: DNA
336 <213> ORGANISM: Murinae gen. sp.
338 <400> SEQUENCE: 24 22
339 tggcatttac ctccaaatgc ca
342 <210> SEQ ID NO: 25
343 <211> LENGTH: 24

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→ Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

12/6/01

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/319,782B

DATE: 12/06/2001

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Input Set : A:\01099211.app

Output Set: N:\CRF3\12062001\I319782B.raw

L:110 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:125 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:155 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:210 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:225 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:260 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:285 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:358 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:396 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:415 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28